

Table 4-1.
Values for topographic factor, L.S., for low ratio of rill to interrill erosion.¹

Slope (%)	Horizontal slope length (ft)								
	< 3	6	9	12	15	25	50	75	100
0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0.5	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
1.0	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.15
2.0	0.20	0.20	0.20	0.20	0.20	0.23	0.25	0.26	0.27
3.0	0.26	0.26	0.26	0.26	0.26	0.29	0.33	0.36	0.40
4.0	0.33	0.33	0.33	0.33	0.33	0.36	0.43	0.50	0.54
5.0	0.38	0.38	0.38	0.38	0.38	0.44	0.52	0.57	0.62
6.0	0.44	0.44	0.44	0.44	0.44	0.50	0.61	0.68	0.73
8.0	0.54	0.54	0.54	0.54	0.54	0.64	0.79	0.90	0.99
10.0	0.60	0.63	0.65	0.66	0.68	0.81	1.03	1.19	1.31
12.0	0.61	0.70	0.75	0.80	0.83	1.01	1.31	1.52	1.69
14.0	0.63	0.76	0.85	0.92	0.98	1.20	1.58	1.85	2.08
16.0	0.65	0.82	0.94	1.04	1.12	1.38	1.85	2.18	2.46
20.0	0.68	0.93	1.11	1.26	1.39	1.74	2.37	2.84	3.22
25.0	0.73	1.05	1.30	1.51	1.70	2.17	3.00	3.63	4.16
30.0	0.77	1.16	1.48	1.75	2.00	2.57	3.60	4.40	5.06
40.0	0.85	1.36	1.79	2.17	2.53	3.30	4.73	5.84	6.78
50.0	0.91	1.52	2.06	2.54	3.00	3.95	5.74	7.14	8.33
60.0	0.97	1.67	2.29	2.86	3.41	4.52	6.63	8.29	9.72

¹Such as for rangeland and other consolidated soil conditions with cover (applicable to thawing soil where both interrill and rill erosion are significant).